

27 December 1962

MEMORANDUM FOR: Chief, Production Services Division

THROUGH : Chief, Plans and Development Staff

SUBJECT : Tank Farm Inspection

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1. On the afternoon of 21 December 1962 the undersigned, as con-STATINTL tract monitor, made a final inspection of the tank farm installation in

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██████████ This phase of the contract is referred to as Item Number 2 in the amount of ██████████ T.O. Number 1, Contract Number ██████████

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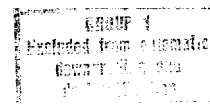
██████████ Attached is a check list and a recording of the temperature controls from the main console. In effect, this part of the contract includes the installation of those items of equipment having to do with the mixing, filtering, temperature control and storage of the various chemical solutions as planned and the hookup to the GSA installed piping system. This phase of the subject contract is satisfactory.

2. The filters throughout this system were changed frequently during the shake down period, particularly the filter in the chilled water line was changed most frequently occasioned by the purging of a sizeable chilled water system. At this time the entire system contains new filters, however there are none in reserve for subsequent changes during the initial periods of operation and steps must be taken immediately to procure a sufficient quantity of these filter cartridges. As a long range plan, some thought might be given to the construction of a back flushing device which could be used to salvage a number of these filter elements.

3. The chemical solutions will be pumped through the several closed loop systems at approximately 18 gallons per minute. The point at which solutions might be drawn from this system at the farthest point from the storage tank is approximately 4 minutes away in time from the storage tank. A slight temperature rise of not more than one degree is anticipated at this point. This rise in temperature is due entirely to friction.

4. The subject inspection by the contract monitor concerned itself solely with the tank farm installation in regard to the physical engineering aspects which excludes any of the sensitometric and chemical aspects associated with the design of the system. The attached check list by the contract monitor is self-explanatory.

DECLASS REVIEW by NIMA/DOD



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5. [REDACTED] representative were present during part of this inspection and their primary concern appeared to be in connection with purging or cleansing of the tanks and piping systems. It is assumed that their remarks will be addressed separately.

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[REDACTED]
Technical Development Branch